

## ABSTRACT OF THE DISCLOSURE

In a method for minimally invasive treatment of prostate cancer, a patient with a prostate pathology is subjected to a magnetic resonance-guided biopsy procedure, and a rapid histology is performed on the biopsy sample. If the histology result is positive, the patient is then subjected to a magnetic resonance-guided injection of a therapeutic agent. Since the therapeutic agent is administered during observation of the patient during magnetic resonance, it can be ascertained if and when the administered therapeutic agent fully spreads to cover the pathological region or volume. After an appropriate waiting time the patient is examined in a follow-up examination and appropriate further treatment, if any, is determined based on this follow-up examination.